Soft Water in Every Home

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Important Facts You Should Know About Water

ATER is an essential or the continued of modern life, and its bear the an important plateon to health and possess about their shall be an important that everyone decord home more about these abattasterium of a resident make in desirable in decremental for forces to and present non-

Water other greatest orders a consequence that is, it will describe evaluate a person amount of an attention of about 100 and 100 to that person it always consults from the profession of rain, it gethers up all the proof to the day, smoke impaintees and had gone the bave rises from the ground and are finitely attent in the air. When it although the rails come of it rains off along the attlace with a found and average are ground to form sponge and to easily a residual with the raith passing over a thought of the water of contact with the raith passing over a thought of and its wonderful discovering proof is also a twenty at the rail of a property and the water of a work gathering up to the rail and a portion at every for till property.

If it is surface water, that it, is loosed to

particles of the earth's surface in addition to dissolving some of it, so that the water will be "rily" or turbid as well as contain dissolved minerals. Spring or well water on the other hand is generally filtered by its passage through the earth and therefore is usually quite clean, but by reason of being in contact with the rocky formation under the ground, it contains more dissolved substances than surface water and so contains more hardness.

What Is Hard Water?

"Hard Water" is the name applied to any water containing lime or magnesia compounds in solution, the amount of lime and magnesia determining the degree of hardness. These compounds effect the lathering properties of soap, so that a hard water may be distinguished by the fact that it is more difficult to wash with than a soft water. Unfortunately for mankind, lime and magnesia compounds are distributed everywhere throughout the earth's surface so that although tome water supplies are softer than others, it is a rare occurrence to find soft



Have more regulated forms only to bother and more in the years policy than more created the winter.

water existing in nature.
Until Permutit was developed, ab olutely soft
water, containing no

hardness (zero water) had been produced only in the laboratory. Today, however, zero water, as accurate as the most scientific laboratory product; is available in every home.

Soft Water in the Home

The advantages of clean, soft zero water in a house-hold are really tremendous to many troubles and discombined that are attributed to other causes can be traced to hard water. The hardness, that is, the lime and magnesia compounds that are always present in unitreated water, combine with soap, making it difficult to obtain a good lather as previously stated, but that is not all. In combining with soap, these compounds form an insolu-



The filter and majority is a fact of the state of the second of the fact of the state of the sta

ble sticky curd that causes trouble and does damage in a multitude of ways not generally known outside of scientific circles. It is the soap curds, not dirt, that leave a line of deposit around a bath tub or wash basin after washing, and travelers on Western railroads will recall the washing difficulties encountered where the water supply is particularly hard.



The Bath

When soap is used with hard water in the bath, the sticky soap curds that are formed work into the pores of the skin, clog them up and prevent the free exit of body impurities that is essential to a smooth, clear, healthy skin. Not only does this affect the complexion and the general condition of the skin, but it must necessarily be detrimental to the health, for it is known that a man coated with varnish would live but a few days, and although hard water soap curds are far less effective than varnish, they nevertheless clog up the skin pores to no small extent. Furthermore, they are responsible for real bodily discomfort.

Everyone is familiar with the fact that an object can be kept cool on a hot day by covering it with a damp cloth, the evaporation having a cooling effect. That is the principle utilized for cooling drinking water in the army, and for the iceless ice-boxes that are so effective in summer, and it is also the principle provided by Nature to keep mankind

cool in hot weather by evaporation of notince exided from the pores of the ikin. The
hard water cap curds interfeet with Natural
cooling process, and result in a stress, claimmy decomfort too well known to require
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lather produced by zero water quickly softens the beard, and imparts a genuine comfort unknown to hard water users.

The Laundry

In the laundry soft water imparts a snowy, dry fluffiness, and a sweet smelling cleanliness to the wash that is absolutely unknown to hard water users. The absence of sticky soap curds gives a longer life to linens and produces a quality in woolens and dainty laces that cannot be surpassed. Colored goods take on a brighter hue, and delicate fabrics may be laundered without fear of harm. Textile nills and laundries the country over have found zero water to be absolutely invaluable



In producing the highest quality of work and for the same reasons, a Permutit System in the home adds unknown delights to the donning of fresh laundered linens. In the washing process too, considerable quantities of soap are actually saved by the use of zero water, an economy that is duly appreciated.

The Heating System

In addition to an distriction property of binning soap cards, the handpers in water has souther unfortunate characteristic and applaint on in the form of a facel moduling cale, when subjected to least.

When hard water is broad for example, the line and mayoria compositely at largery of the boder, in the price and consections builting from the form in amornia there is locat. This results in the shaper of payor is shown as water heaters to be proposed in the form of the payor of the payor is the payor in the payor of the payor in the payor of the payor in the payor of the payor o



piper also come. The soft come is a Promisity System and produce a produce a

considerable satisfaction to Permutit owners. The reduction in repair and fuel bills also forms a saving of no small consequence.

The Kitchen

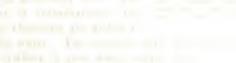
In the kitchen, pots and pans will be found to take on a brighter lustre when zero water is used, but it is in the cooking that its use becomes of really great importance. To cook food, heat must be applied exactly as is done in the heating system, and as in that case, scale is deposited by the lime and magnesia compounds, but *it is deposited on the food that*



is being cooked. Vegetables, such as peas, beans, corn, beets, or things having a skin or fibre structure are particularly susceptible to these hard water deposits, and are made harder or tougher to a marked degree. Leading canning factories and preservers of fruits and jams have installed Permutit response the man for the control of the control of

What Flormats! /s

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for your home. Write us at once, or ask your architect to get you all the details, for it can be installed with your original plumbing and will keep the heating system and all the piping throughout your house in good condition from the start.

What Permutit Costs

The size and cost of a Permutit System depends upon the amount of hardness in the water and the quantity of water used. The first factor can only be determined by a reliable laboratory analysis, and this the Permutit Company will do free of charge. The second may be estimated from the number of people in your household, including servants, and average number of guests. If soft water is desired in the garage, stables or similar places, the quantity can be estimated from the general number of faucets to be supplied, and information concerning the uses to which it would be put.

How to find the Cost for Your Home

To obtain an estimate of the cost of a Permutit System in your home, fill out carefully and accurately the post card enclosed in this booklet, and mail to the Permutit Company, 440 Fourth Ave., New York City. If you live in a large city an analysis of the



Property 1 perfectly adapted to his country of residents

water will be on the at the Perman 1986 but should you be suppled by a tion of eithage system, our have your one will apply, fill a clear half entire one of your or to the must be eartherware or your rail will to be express to the Permani Commun.

Be one that the bottle is unled right and packed to prevent breakast and lessons the winter. A small wonder to a consolicate excelsion, sawdest, or complete of the size. will serve excellently.

Soft Water for Every Home

Thousands of Permant Water Sittle are in daily are. They are form 1970 and continuously in all parts of the county, and the apparatus built for formelists are it is at accurate, just as minuth, as the lines and directal machines that are burney much be the

most exacting commercial and scientific purposes. The Permutit Company stands behind its record of producing only the best that man can devise, and offers in testimonal of that last thousands of references from satisfied Permutit owners in every industrial enterprise and private pursuit.

Prominent hotels are Permutit equipped leading hospitals use it for the protection and comfort of their patients, and many of the foremest dectors in the country have Permutit in their homes. It is a comfort, not a lowery, and a safeguard in the home that it established and recognized in all parts of the globe.

Nature's Cleanser

Soft water has been traitfully called "Nature's Classica" for in the form of tale from the about it is the great solvent, the universal pointer of all things in nature. How we constitute only and sleek is the for of wild animals washed only by rain water, and how intresting in the air when it has been were close of dust and page after a pentic fall of rain.

Personni lumes to the home all the delights, all the homelin of this wonderful tonic, and the words can adequately convey the pleasure. the satisfaction, that becomes the daily puttion of Personni owners.



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